



Re: Preliminary dioxin results - Next Steps

Ravi Sanga to: Susan McGroddy

02/11/2011 01:19 PM

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Cc: "Debra Williston (b) (6)", Gary Pascoe, Doug
Hotchkiss, "Jeff Stern (jeff.stern@kingcounty.gov)", Kirsten Payne,

Susie -- EPA has reviewed the preliminary dioxin results for the surface and subsurface sediment samples analyzed. EPA would like to meet with the EWG to discuss these results and next steps regarding dioxin analysis. Currently next week EPA only has Thursday afternoon (2/17) available to meet.

EPA is currently making the following comments:

- 1) The figure showing no basin-specific data for B-24 needs clarification. A revision is needed to the current figure (dioxin/furan TEQ data) that shows that the dioxin concentration of 41.9 ng/kg reported for MH-comp3 represents B-17, B-18, B-19, B-21, B-22 and B-24.
- 2) It must be verified whether the outfall located at the southeast corner of Slip 27 drains stormwater into the EW.
- 3) The most recent 'Core Visuals' diagram (transmitted 11/3) does not report the CSL exceedance for HPAHs at the 6-7 ft interval of SC09. This exceedance is reported in Map 4-5 of the Subsurface Sediment Data Report. Please verify that the 'Core Visuals' diagram accurately reflects analysis results and provide a corrected version in the final Subsurface Data Report.
- 4) Additional dioxin analysis are may be warranted for:
 - SS-009: Delineates extent of surface dioxin concentrations in the vicinity of SS-008 (38.6 ng/kg)
 - SS-026: Delineates extent of surface dioxin concentrations in the vicinity of SS-023 (49.6 ng/kg)
 - SS-102: Delineates extent of surface dioxin concentrations in the vicinity of SS-100 (29.2 ng/kg), More information is needed on the extent of the phase 1 removal action sand layer in order to confirm SS-102 for additional analysis.
 - SC-100: Evaluate surface sediment dioxins associated with Source Control sample B16-MH01 (44.4 ppt). Subsurface should also be run for all SMS, unless a rationale is provided to justify otherwise.
- 5) Verification of an outfall is needed near SC-18

Following a meeting with the EWG, EPA will make a final decision regarding additional dioxin analysis that will incorporate the comments above.

Should you have any questions, please give me a call.

Ravi

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Susan McGroddy Here are the preliminary, unvalidated results for...

02/02/2011 09:56:36 AM

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Date: 02/02/2011 09:56 AM
Subject: Preliminary dioxin results

Here are the preliminary, unvalidated results for the dioxin analyses that we did on the surface and subsurface sediment samples. The results figure has just the new results. The coverage figure has all the source control data, including the Port storm drain samples that were just run, and the surface sediment composite data. We would like to discuss this data the week of February 14th if possible. The first round of surface sediment samples will hit 2 years in archive in March and so we need to determine whether or not any further analysis of the archived surface sediment samples is needed.

Thanks.
Susie

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